

20000509.qrp v01_n816.qrl.20000509

Date: Tue, 9 May 2000 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1816

QRP-L Digest 1816

Topics covered in this issue include:

- 1) [69684] SMK1 x SMK1 qso
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 2) [69685] Re: QRP Border Cross
by john@neknetwork.com
- 3) [69686] Re: Please need help/NC 20 keyer mod
by "John J. McDonough" <wb8rcr@arrl.net>
- 4) [69687] Brown Bro's. Key
by K10J <k10j@ditdit.com>
- 5) [69688] NorCal Doublet Notes
by david gauding <nf0r@slacc.com>
- 6) [69689] HW-9
by TVComlGuy@aol.com
- 7) [69690] My webpage links to digital modes
by Jim Hale <kj5tf@yahoo.com>
- 8) [69691] SMK-1:How I did it.
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 9) [69692] Keyer Info Needed
by "Tim Cook" <timcook@erinet.com>
- 10) [69693] (no subject)
by Wa3ptg@aol.com
- 11) [69694] Norcal Doublet
by dave_epps@juno.com
- 12) [69695] Final URL Update
by Jeff Davis <jeff@n9avg.org>
- 13) [69696] Dallas QRPers
by Duane Alles <w9zm@yahoo.com>
- 14) [69697] SMK-1 Soldering Problems
by "Robert W. Shaw" <lycott@fox.nstn.ca>
- 15) [69698] PSK-20 nears production!
by PDouglas12@aol.com
- 16) [69699] SMK-1 Question (It's finished...but)
by ABCQRP <w6abc@yahoo.com>
- 17) [69700] Re: Brown Bros. Key
by sigcom@juno.com
- 18) [69701] Re: SMK-1 Question (It's finished...but)
by Russ Dow <n7dw@garlic.com>
- 19) [69702] Black Hills, SD on the air.

- by "Kelly Ellison" <kelman@dialnet.net>
- 20) [69703] Brown Brothers Key and Paddle Brochure on AL7FS Website
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 21) [69704] Re: Please need help/NC 20 keyer mod
by RangerSF5@aol.com
- 22) [69705] Another NC-20
by RangerSF5@aol.com
- 23) [69706] Re: Please need help/NC 20 keyer mod
by Dave Fifield <fifield@pacbell.net>
- 24) [69707] Re: SMK-1 Question (It's finished...but)
by Dave Fifield <fifield@pacbell.net>
- 25) [69708] Re: SMK-1 Soldering Problems
by Dave Fifield <fifield@pacbell.net>
- 26) [69709] Re: Another NC-20
by Dave Fifield <fifield@pacbell.net>
- 27) [69710] CLUB: NOVA-QRP to meet Saturday
by Wb4jjj@aol.com
- 28) [69711] Cub Vs. SW20+ ???
by w0yse@juno.com
- 29) [69712] Re: Activating the U.S. border
by n4js@pobox.com (John Sielke)
- 30) [69713] HB: BFO
by Wa3ptg@aol.com
- 31) [69714] Re: Brown Bros. Key
by "Steve/n0tu" <n0tu@webaccess.net>
- 32) [69715] any SMK-1 kits still available
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 33) [69716] FD Logging Software Advice Please
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
- 34) [69717] Re: Sierra Power Mods?
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 35) [69718] Re: SMK-1 Soldering Problems
by Bruce Rattray <rattray@gpfn.sk.ca>
- 36) [69719] Re: SMK-1 Soldering Problems
by Dick Carroll <dixie@townsqsr.com>
- 37) [69720] N-Channel JFETs- Amplifiers
by n4so@juno.com
- 38) [69721] RE: SMK-1 Soldering Problems
by carlos.caro@lmco.com
- 39) [69722] Sierra Power output mods
by n4so@juno.com
- 40) [69723] Re: FD Logging Software Advice Please
by "John P. Cummins, Sr." <jpcummins@worldnet.att.net>
- 41) [69724] Re: Small HF amps
by Lee Hopper <leehop@uswest.net>
- 42) [69725] Re: SMK-1 Soldering Problems
by Michael Neverdosky <mneverdosky@earthlink.net>
- 43) [69726] Re: G5RV & 10 meter question

by Bob Kellogg <ae4ic@nr.infi.net>

44) [69727] Watt Meter Wierdo
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

45) [69728] Re: Sierra Power Mods?
by "John P. Cummins, Sr." <jpcummins@worldnet.att.net>

46) [69729] RE: Watt Meter Wierdo
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

47) [69730] Argosy 525 dc fast acting circuit breaker
by Everett Catlin <n5mzx@bellsouth.net>

48) [69731] Re: SMK-1 Soldering Problems
by "Rod, N0RC" <n0rc@qsl.net>

49) [69732] RE IMPORT TAX
by JOHN FISHER <ve7fdg@mad.scientist.com>

50) [69733] RE: SMK-1 Soldering Problems...Q Tip...
by Dave Barrett <DBarrett@creo.com>

51) [69734] re: SMK-1 Question (it's finished...but)
by N9DD@aol.com

52) [69735] Re: Argosy 525 dc fast acting circuit breaker
by Michael Melland <badger@vbe.com>

53) [69736] Re: SMK-1 Question (It's finished...but)
by N9DD@aol.com

54) [69737] Re: SMK-1 Soldering Problems
by "Mike Yetsko" <myetsko@insydesw.com>

55) [69738] NC 20-MNo Power output
by RangerSF5@aol.com

56) [69739] FS: Oscilloscope
by Marty <N5NW@midsouth.rr.com>

57) [69740] Norcal Doublet Kit.
by Ed Loranger <we6w@qsl.net>

58) [69741] Re: Argosy 525 dc fast acting circuit breaker
by Norm Melick <henmel@worldnet.att.net>

59) [69742] FS:QRP Tube Rig - Timewave DSP59+
by Maurice L Haynes <kv7g@juno.com>

60) [69743] Re: Norcal Doublet Kit. -- OOPS!
by Ed Loranger <we6w@qsl.net>

61) [69744] QRQ NET Practice Sentences
by Ed Loranger <we6w@qsl.net>

62) [69745] Re: QRQ NET Practice Sentences
by Ed Loranger <we6w@qsl.net>

63) [69746] KIT: NOGAPiG Praises + ****Current , UnderVoltage, OverVoltage M
ODS****
by Sam Billingsley <SBillingsley@usaninc.com>

64) [69747] Re: Sierra Power Mods?
by "Mike Branca" <w3irz@att.net>

65) [69748] here's all the help??
by RangerSF5@aol.com

66) [69749] OT: RVing advantage
by Monte Stark <ku7y@dri.edu>

- 67) [69750] Re: here's all the help??
by wb2vuo@juno.com
68) [69751] Re: here's all the help??
by "Steven Weber" <kd1jv@moose.ncia.net>
69) [69752] Re: Where's all the help??
by Ed Loranger <we6w@qsl.net>
70) [69753] Re: where's the help?
by "Steven Weber" <kd1jv@moose.ncia.net>
71) [69754] WE6W Resonant Speaker facts.
by Ed Loranger <we6w@qsl.net>
72) [69755] Re: here's all the help??
by Marty <N5NW@midsouth.rr.com>

Date: Mon, 8 May 2000 15:59:56 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L Message" <qrp-l@Lehigh.edu>
Subject: [69684] SMK1 x SMK1 qso
Message-ID: <004601bfb941\$54fddf80\$e3ac30d0@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just had my first SMK1 TO SMK1 QSO with Tom W6JHQ near Pasadena....have also
worked 3 other CA
stations but not 2X SMK....amazing little rig. Waiting for the case now.
Floyd NQ7X Phoenix,AZ ScQRPion DM33uq

Date: Mon, 08 May 2000 19:17:22 -0400
From: john@neknetwork.com
To: Doug.Davies@gems3.gov.bc.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69685] Re: QRP Border Cross
Message-ID: <39174B02.F07DF60B@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What a great name! Consider it snagged!

The more I think about this, the more I'd like to do it. I'm also
thinking more about the online aspects of it; I'd really like to have it
real-time on the web, I think it would great! Anyway, back to the

drawing board,

73,

John, KB1ENS

"Davies, Doug A FOR:EX" wrote:

>

> I think the idea of a US-Canadian QRP event would be cool. I could set up
> shop at the Stewart, BC-Hyder, Alaska boarder but somehow I don't think 350
> mW would be heard too well from there <grin>. The area is surrounded by
> 10,000 foot high mountains on three sides but I would have a great take-off
> angle due west, right on the headwaters of the Portland Canal !!

>

> Doug VA7DD

--

John Wagner - john@neknetwork.com

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Date: Mon, 8 May 2000 19:20:32 -0400

From: "John J. McDonough" <wb8rcr@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [69686] Re: Please need help/NC 20 keyer mod

Message-ID: <012401bfb944\$025c95c0\$010044c0@Conor.baycty1.mi.home.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I emailed Bob separately on this, then realized others may want to know the same thing.

The NC20 expects a 3.5mm stereo plug, so wire your key to that. Connect one side of the key to the shell of the plug, the other to either the tip or ring - it doesn't matter which. The shell of the plug is grounded if you happen to care.

Now, with the key plugged in, start the radio. Hold down the keyer button until you hear 'SK'. Release the button before you hear the 'M'. Send an E. The radio is now in straight key mode. Repeat the process to toggle back to paddle mode. If you hear the 'M', just keep the keyer button down, it will loop through all the commands.

Unless you upgrade the TiCK, you will need to repeat the procedure each time you power the radio on.

hope this helps,
72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: RangerSF5@aol.com <RangerSF5@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, May 08, 2000 3:33 PM
Subject: Please need help/NC 20 keyer mod

>Hi Gang,
>I just finished up the Larry East mods on a NC 20-M.
>Now I want to get on the air but lost the paddels,(never did like them dual
>things).
>OK
>The manual says I can make up a special cable adapter so I can use a
straight
>key or my MK-65-b-)Can someone explain this?)
>THE SECOND OPTION IS TO WIRE ANOTHER JACK TO THE INPUT OF THE tick.
>iS THIS THE dit & dah i SEE NEAR THE KEY JACK?
>The 4 small holes near the key jack have been jumpered out and the small
>jumpers form a X.
>If I clip the jumpers out and wire in my own 2 connector jack,do I run the
>>wires to the DIT & DAH wires?.
>Many thanks
>Bob
>WA2HOQrp <tm>

Date: Mon, 08 May 2000 17:18:31 -0500
From: K10J <k10j@ditdit.com>
To: QRP-L Discussion <qrp-l@Lehigh.EDU>
Subject: [69687] Brown Bro's. Key
Message-ID: <001201bfb93c\$2723d7e0\$fda0bfd0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Can anyone tell me what a Brown Brothers 'Mach' paddle is?

OJ---K10J
ditdit

Date: Mon, 08 May 2000 18:54:58 -0500
From: david gauding <nf0r@slacc.com>
To: qrp-1@lehigh.edu
Subject: [69688] NorCal Doublet Notes
Message-ID: <4.3.1.0.20000508174646.00a7e310@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello,

I was nice to see KI6DS has posted additional info on his "NorCal Doublet". I have built and used two on the air. Plus, along with a 100+ folks watched KI6DS and KK6MC/5 build one on the dais at Arkiecon. On the air these little antennas work very well. "As advertised" says it all.

This morning, I asked Doug to consider posting a close-up picture of the #1 fishing swivel feedpoint on the NorCal webpage. Not that he doesn't have enough on his plate already. That might make the construction technique a little easier to grasp.

The NorCal Doublet is intended for clip-on installation to a ground-mounted SD-20 or Black Widow collapsible fiberglass fishing pole. That puts the feedpoint at 20'. The antenna itself offers no weight or sail area to speak of. Anyone trying to hang a traditional wire doublet on one of the slender poles while using zipcord or twinlead feedline understands this perfectly. Especially, after the wind comes up.

The NorCal Doublet is a remotely tuned design for 10-40M and inherently portable. It uses four conductor WE6W-type ribbon feedline that Ed Loranger developed while researching the application. The pvc jacket is lossier compared to other balanced lines But, at the same time it alllows for antenna installations in portable (or home) locations that might be difficult if not impossible with traditional methods.

If you want to cover 10-80M and/or 160M the St. Louis Doublet offers such options. The thin stranded ribbon cable radiators are changed to #22-24 magnet wire for strength over the longer span. The swivel feedpoint is modified with additional tie-wraps to insulate where needed. This antenna can use a G5RV-type feedline configuration or run all the way to the rig with two conductor ribbon cable. I can't tell the difference between the two on the air. I suppose it boils down to whatever is most convenient for the operator.

I recently tested a full-size St. Louis Doublet on a portable St. Louis Shaft antenna support for four consecutive months in my back-yard. It could have just as easily been a NorCal Doublet but I like the low bands.....and my own stuff! <g>

Configured as shallow inverted-vee the bigger antenna did very well on all bands though I was usually on 40M and down. The feedpoint was at exactly 50' and it used 75' of ribbon cable feedline. I loaded it against a cold water ground for 160M. Typical output was one watt. No complaints!

The NorCal Doublet and the St. Louis Doublet are easy and cheap builds. Almost disposable antennas, but not quite! <g> I don't think you will be disappointed if you try one.

On a closing note, KK6MC/5, W5JAY, KI6DS and NF0R also built a NorCal Doublet the afternoon before Arkiecon. Then we ran it through the prototype for the new NorCal z-match tuner. It's a fine 10-40M combination. Real ham radio stuff and all homebrew to boot.

Best regards,

de Dave, NF0R nf0r@slacc.com

Date: Mon, 8 May 2000 19:57:34 EDT
From: TVCom1Guy@aol.com
To: qrp-1@lehigh.edu
Subject: [69689] HW-9
Message-ID: <62.333f019.2648ae6e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I just bought an HW-9 transceiver. It is missing some diodes. The manual calls for BA-244 diodes. I can't find a reference for them. Does anyone know what a substitution would be? Also the slug on one of the 12 meter coils, L115 is

missing. Any help would be appreciated.

Thanks,

Ron
KB0WAR

Date: Mon, 8 May 2000 17:17:05 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [69690] My webpage links to digital modes
Message-ID: <20000509001705.6846.qmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just updated my links page (boreing!) and added some cool digital mode links.

Not sure what psk31 sounds like, or RTTY? Follow my links and you will know all, see all, and hear all! See the Digital Ham link for the sounds.

There may be some great links I missed, but this will get someone started I'm sure.

Oh, at the bottom of the links page check out a poor copy of my new QSL card creation. I used the WB8RCR QSL Maker freeware.

72/3's de Jim KJ5TF
"All Milliwatts, All the time"

=====
<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

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Date: Mon, 8 May 2000 20:14:27 -0400
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [69691] SMK-1:How I did it.
Message-ID: <015701bfb94b\$8acdeba0\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SMK-1 #33 is now complete and ready for testing.

I'm fairly new at building (after a hiatus of over 20 years) but my method worked out very, very well and I thought I would pass it on. Nothing really esoteric but interesting. AND I didn't have any pieces go flying on me.

I will use the clock notation for positioning. Seated at the table, I am at the 6 o'clock position with everything in front of me.

Positions:

Center of clock - PC Board

12 o'clock position - small dessert plate. This plate has a small lip and was about 6 inches across.

12 o'clock but beyond plate - cereal bowl for trash

2 o'clock - soldering iron and stand

9 o'clock - copy of the write-up (actually two copies. 1) copy of bag layout page, 2) copy of parts list.)

8 o'clock - hand tools - including two tweezers and scissors. For tweezers, I used a straight pair and a curver pair.

Preparation - mark each square of a bag with the part number as per another person's suggestion.

Method

1) using scissors, open ONE chamber of the current bag working across the rows.

2) Dump the bag contents (from a very low height, thank you very much) into the plate.

3) place clippings from bag (each section) into trash bowl. (This kept the area neat.)

4) if the parts are in a strip or container, use the tweezers to open the container and put the parts on the plate.

5) locate the parts on the reference sheet and find the part on the board.
(I usually always re-oriented the board so that the pot connectors were toward me but I've been told I'm rather retentive on matters like this. <g>)

6) Tin right solder point (rotating the board as necessary).

7) place part on the board and balance as best as possible using the straight tweezers.

8) carefully using the CURVED tweezers, put pressure on the part and re-melted the solder on the right tinned point.

9) rotate board 180 degrees and solder other end.

10) rotate board 180 degrees again and re-solder first point.

(By rotating, I was able to use the soldering iron in the right hand always.)

Do steps 6-10 for each part in that package.

This two step tweezer method (using two types of tweezers) worked very well for me. I had no popped pieces that I had to go looking for. (Did have two bounce as they fell into plate but they both landed in my lap. (Hmm, light pants while working might be a good idea, too.) I used the tweezer set that Chuck Adams recommended in his article about manhattan style building in the HomeBrewer.

The above method worked very well with me. As always, I'm certainly not an expert. YMMV.

What fun this kit has been. We'll be talking about this for years.

Michael - N4NMR

Date: Mon, 8 May 2000 20:21:46 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [69692] Keyer Info Needed
Message-ID: <016f01bfb94c\$922dee80\$d5785acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I just picked up a Nye SKM-1 memory keyer and would like to find the manual for it. It works, but I can't get the memories going.. anyone help?
please email direct .

.I have looked on the web for a NYE web site and checked the old manuals sites to no avail. I thought they still sold keys and might have some info on this old keyer...

Thanks

Tim

NZ8J

Date: Mon, 8 May 2000 20:22:49 EDT
From: Wa3ptg@aol.com
To: qrp-l@lehigh.edu
Subject: [69693] (no subject)
Message-ID: <7d.49ce0dc.2648b459@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Steve Weber:

Lost your email this afternoon.

I used a separate oscillator for the bfo just to see how it would work. Several people told me to avoid using the oscillator functions in the NE602. Using a separate oscillator costs about 10 cents more, and the radio isn't a backpacking project, so there just wasn't any real reason to use the oscillator in the NE602. The project started earlier this year as a DC receiver with a 1N34 mixer. Then it started to grow. Strange things can happen during manhattan sessions!

72 DE WA3PTG
Harry (Hap) Hurst NJQRP-EPAQRP
Wilmington DE QRP-L #1464

Date: Mon, 8 May 2000 17:35:00 -0700
From: dave_epps@juno.com

To: qrp-1@lehigh.edu
Subject: [69694] Norcal Doublet
Message-ID: <20000508.173717.-55901.0.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

When you use a WE6W feedline leave a few inches of the two center
conductors sticking out
the top and use them to tie the antenna to the fishing pole.
I have taped the feedline to the pole and it will collapse with the
feedline still on. Really makes for fast setup. I plan to put the
feedline inside the pole.
I have had great success with the ribbon cable antenna-feedline combo.
The new BLT is just what I was looking for. Thanks guys.
dave ab5pc fresno, ca.

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 8 May 2000 20:42:08 -0400
From: Jeff Davis <jeff@n9avg.org>
To: QRP-L List <qrp-1@lehigh.edu>
Subject: [69695] Final URL Update
Message-ID: <20000508204208.A26347@n9avg.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Friends,

A few months ago I posted a note that my server, jehosophat.com, was
closing. All of the content has now been moved to:

<http://n9avg.org/>

Thanks for updating your links and bookmarks.

--
72 de Jeff, N9AVG

Date: Mon, 8 May 2000 18:56:24 -0700 (PDT)

From: Duane Alles <w9zm@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [69696] Dallas QRPers
Message-ID: <20000509015624.19790.qmail@web515.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello Dallas area qrpers

Anyone in the mood for an eyeball qso & or dinner.
I'll be in the Dallas area Wed & Thurs 5/10 & 11,
evenings on business and would like to meet some local
hams and possibly attend a ham club meeting if there
are any during that time.

72/73
Duane

Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Mon, 08 May 2000 22:12:06 -0400
From: "Robert W. Shaw" <lycott@fox.nstn.ca>
To: <qrp-1@lehigh.edu>
Subject: [69697] SMK-1 Soldering Problems
Message-ID: <3.0.5.32.20000508221206.009459b0@fox.nstn.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm having trouble getting the components flat against the board. I think the solder "bumps" I'm getting are too large. Perhaps I need flux other than in the core of the solder. By the time I've added solder to my iron, positioned the component, hold it down etc. the flux has burnt off!

What kind of flux do you use to add to the pad where the component will be placed? Obviously not plumbers' flux, but I'm not familiar with anything else. What have you used, and where did you get it?

By the way, my "Canadian" SMK-1 arrived today -- the small packet box attracted custom's attention to the tune of an additional \$11!

72/73 de Bob VE3SUY QRP-L #1187 Bob Shaw, Ottawa, Ontario. Low power
Amateur Radio from Canada's National Capitol!

Date: Mon, 8 May 2000 23:03:53 EDT
From: PDouglas12@aol.com
To: QRP-L@lehigh.edu
Subject: [69698] PSK-20 nears production!
Message-ID: <b4.50459e7.2648da19@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hey Gang,

One of the neat things about having friends in this hobby is that some of them are guys like Dave Benson, NN1G. He works up there in Hartford making kits (Small Wonder Labs) with imagination, and he's done it again. A while back, I talked him into letting me get a crack at any new ones he does--I get the first or one of the first off the production line, and in exchange I get to beta-build and find the miscues in the draft manuals. I got to do it for the DSW, the White Mountain, and now, the new PSK-20.

The PSK-20, what is it? Well, it's a transceiver designed for the new digital mode, PSK31. This digital mode is actually narrower band than even CW. That's right, PSK31 occupies less bandwidth than a CW signal. You can therefore fit a dozen or two QSOs between 14069 and 14073, which is the usual stomping grounds for these signals.

Here in my shack, I have been using my old Yaesu 757 for PSK31, but it kept creeping above 50 watts (rarely necessary) and setting off the bloody fire alarm in the house. (The alarm seems to dislike continuous RF >50 watts in the 20 meter band. So there has been a need for a little rig to operate the PSK31 mode with the amazing new software available (Have you seen Digipan? Unbelievable, and free for downloading on the internet). The SWL PSK-20 is a perfect, inexpensive dedicated rig for PSK31, and it is welcome here in the WJ2V shack.

This isn't a review, of course, as that would be unfair to Dave. Heck, my job is to find the errors in the manual before you see them, so that wouldn't be exactly fair. But I can tell you this. For \$95 bucks (that's what the board kit will be selling for--and I am a satisfied, paying customer, before you ask) you get a whole dedicated rig to operate PSK31, and you are going to have a ball. The receiver is crystal controlled, with a passband just about 4 kHz wide, so it can listen to the whole 14069-14073 spectrum at once. The computer does the selection within that passband using digital processing.

You do need a computer with Windows and a sound card to run the software, but hopefully most of you have that already.

My PSK-20 built up over a two day weekend, including note taking and peppering Dave with emails with corrections (and picayune criticisms), and I am already receiving PSK signals on it. Very neat job. Now, if I can just find another hour or so to do the final checkout of the transmitter, I'll let you know how the first contacts go. Anyway, it sure is fun being the first on the block; know what I mean? See, Dave lets me help with the manual, so I get to feel like I actually participated in the process. Thanks for sharing, Dave.

Hey folks, see you in Dayton NEXT WEEK!

72,
Preston Douglas WJ2V

Date: Mon, 8 May 2000 20:11:00 -0700 (PDT)
From: ABCQRP <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [69699] SMK-1 Question (It's finished...but)
Message-ID: <20000509031100.15441.qmail@web2101.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
Well the SMK-1 is finished, but...! It is stuck on transmit! I plugged it in to power put on an antenna, plugged in earphones, heard two peaks trimmed by the TC1 and TC2....but when I turned on my IC-756 to see what frequency it will transmit on and if it will hear another rig...I saw it was stuck in transmit!
Now a couple of things...first, I'm happy it transmits, on frequency by the way. But, any guess what is causing it to be stuck in the transmit mode?
73,
Jack

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Send instant messages & get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Mon, 8 May 2000 20:28:16 -0700

From: sigcom@juno.com
To: qrp-1@Lehigh.EDU
Subject: [69700] Re: Brown Bros. Key
Message-ID: <20000508.202823.-294347.1.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

OJ and group,

Brown Bros. Machine Co., St. Louis, MO manufactured paddles and keys. I have the combination paddle and straight key, model CTL-B. I guess they are somewhat collectable as Brown Bros. the company is long gone. Chuck Adams, K7QO at one time had pictures of the refurbishing of his Brown Bros. paddle on his web site. I'm sure that there are pictures of these keys/paddles somewhere on the net. Hope this has been helpful.

73.....Steve, WB6TNL

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Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 08 May 2000 20:33:02 -0700
From: Russ Dow <n7dw@garlic.com>
To: w6abc@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69701] Re: SMK-1 Question (It's finished...but)
Message-ID: <391786EE.E8E83C4B@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Solder bridge?

ABCQRP wrote:
>

<snip>

But, any guess
> what is causing it to be stuck in the transmit mode?

Date: Mon, 8 May 2000 22:37:10 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.edu>
Subject: [69702] Black Hills, SD on the air.
Message-ID: <00e301bfb967\$dc6a7e80\$d3c9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will be in the Black Hills of South Dakota May 13th - May 20th on
VACATION!

Equipment will be ARK-4, SST-20, DX Handy and GM-10 on 10 meters. Hopefully
I will be able to try out the Norcal Doublet that Doug gave me a ArkieCon.
The tuner will be the ZM-2.

My parents live in Custer, so most of the operation will be from there. I
may even get brave and take the SST-20 and DXhandy up to Harney Peak which
is near Mt Rushmore. It is a 3 hour hike to the top of Harney but the view
is incredible.

I'm not sure about my schedule, but will more than likely be on the air
mornings and mid-days near 14.060, 7.040 and 28.060.
Don't know if I will be near internet access, but will try and post update
from SD.

Hope to work some of you from the Black Hills.

Kelly Ellison - WB0WQS

Date: Mon, 08 May 2000 20:06:05 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: sigcom@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69703] Brown Brothers Key and Paddle Brochure on AL7FS Website
Message-ID: <39178EAD.44EABCB8@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Check my website at <http://www.qsl.net/al7fs/>

Go to my links page and near the bottom is a link to a Brown Brothers .jpg file that I scanned and added to my site. I hope you enjoy it. It was a brochure that I actually had received many years ago.

73, Jim

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>

Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>

QRP ARCI #6754 Check out <http://www.qrparci.org/>

sigcom@juno.com wrote:

> Brown Bros. Machine Co., St. Louis, MO manufactured paddles and keys.
I'm sure that there are pictures of these keys/paddles somewhere on the net.

--

Date: Tue, 9 May 2000 02:15:42 EDT

From: RangerSF5@aol.com

To: wb8rcr@arrl.net, QRP-L@lehigh.edu

Subject: [69704] Re: Please need help/NC 20 keyer mod

Message-ID: <79.3cd977e.2649070e@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 5/8/00 9:59:02 PM Eastern Daylight Time, wb8rcr@arrl.net writes:

<<

I made up a cable with a 2.5mm monaural plug on one end and a 3.5mm stereo plug on the other. Connected shell to shell and tip to tip. The mono plug goes into the keyer and the stereo plug goes into the radio. Note that the radio end must be a stereo plug, even tho you have nothing connected to the ring.

In this configuration you have to go through the SK business with the keyer, but the jack you need is already there so its a trade off I suppose.

>>

Thanks for writing. In fact you'r the only one who went through all the trouble to help me out and for that I thank you very much.

I don't know where all the others are that have all this info but I can tell you where their not at, (IN CHURCH).

I have it working.
Thanks a million.
Bob
WA2HOQrp <tm>

Date: Tue, 9 May 2000 03:15:07 EDT
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [69705] Another NC-20
Message-ID: <57.56bc02c.264914fb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
A local ham sold me his NC-20-M for \$50.00.
I really don't need it but the price is right and I love doing the mods.
One problem,
No TX,
Every thing else works fine and I don't have the better gear to check for
voltages.
The final or the drivers?
Bob
WA2HOQrp <tm>

Date: Tue, 09 May 2000 02:25:26 -0700
From: Dave Fifield <fifield@pacbell.net>
To: RangerSF5@aol.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69706] Re: Please need help/NC 20 keyer mod
Message-ID: <003d01bfb99e\$f3e67000\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Bob,

The other nice mod you may like to do if you want to be able to just
turn the rig on and have it come up in SK mode right away is to buy
a TiCK 4 chip to replace the TiCK 1 in the kit. The TiCK 4 has memories
as well as remembering the mode you were in last when you power
down. It's available from Embedded Research at
<http://www.frontiernet.net/~embres/tick3.htm>

Cheers es 72,

Dave Fifield, AD6A

(snip)

> In this configuration you have to go through the SK business with the
keyer,
> but the jack you need is already there so its a trade off I suppose.
> >>
> Thanks for writing. In fact you'r the only one who went through all the
> trouble to help me out and for that I thank you very much.
> I don't know where all the others are that have all this info but I can
tell
> you where their not at, (IN CHURCH).
> I have it working.
> Thanks a million.
> Bob
> WA2HOQrp <tm>

Date: Tue, 09 May 2000 02:18:00 -0700
From: Dave Fifield <fifield@pacbell.net>
To: w6abc@yahoo.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69707] Re: SMK-1 Question (It's finished...but)
Message-ID: <003b01bfb99e\$f381bac0\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

There's a pretty good chance that you wired up the key
and ground lines the wrong way round to the key jack
you're using on the rear panel. Either that, or there's a
short to ground on the keyline somewhere. It's VERY
unlikely to be a bad component. Could be a bad solder
joint however....

Good luck finding it - it should be simple to find if you
spend a few minutes with a DVM and your thinking
cap on.

72, Dave Fifield, AD6A

----- Original Message -----

From: ABCQRP <w6abc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, May 08, 2000 8:11 PM
Subject: SMK-1 Question (It's finished...but)

> Hi,
> Well the SMK-1 is finished, but...! It is stuck on
> transmit! I plugged it in to power put on an antenna,
> plugged in earphones, heard two peaks trimmed by the
> TC1 and TC2....but when I turned on my IC-756 to see
> what frequency it will transmit on and if it will hear
> another rig...I saw it was stuck in transmit!
> Now a couple of things...first, I'm happy it
> transmits, on frequency by the way. But, any guess
> what is causing it to be stuck in the transmit mode?
> 73,
> Jack
>
> -----
> Do You Yahoo!?
> Send instant messages & get email alerts with Yahoo! Messenger.
> <http://im.yahoo.com/>
>

Date: Tue, 09 May 2000 02:15:17 -0700
From: Dave Fifield <fifield@pacbell.net>
To: lycott@fox.nstn.ca, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69708] Re: SMK-1 Soldering Problems
Message-ID: <003a01bfb99e\$f3570140\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

A 37% import tax???!!!!!! That's OUTRAGEOUS!!!!

72, Dave Fifield, AD6A

----- Original Message -----

From: Robert W. Shaw <lycott@fox.nstn.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, May 08, 2000 7:12 PM
Subject: SMK-1 Soldering Problems

(snip)

>
> By the way, my "Canadian" SMK-1 arrived today -- the small packet box
> attracted custom's attention to the tune of an additional \$11!

>

Date: Tue, 09 May 2000 02:20:24 -0700
From: Dave Fifield <fifield@pacbell.net>
To: RangerSF5@aol.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69709] Re: Another NC-20
Message-ID: <003c01bfb99e\$f3bbb680\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Neither. Much more likely to be a bad solder joint on the toroids
in the transmit bandpass filter section - 99% of all non-working
rigs that have passed over my bench suffer from this.

Good luck with it Bob, 72,
Dave Fifield, AD6A

----- Original Message -----
From: <RangerSF5@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, May 09, 2000 12:15 AM
Subject: Another NC-20

> Hi Gang,
> A local ham sold me his NC-20-M for \$50.00.
> I really don't need it but the price is right and I love doing the mods.
> One problem,
> No TX,
> Every thing else works fine and I don't have the better gear to check for
> voltages.
> The final or the drivers?
> Bob
> WA2HOQrp <tm>
>

Date: Tue, 9 May 2000 07:34:37 EDT
From: Wb4jjj@aol.com
To: QRP-L@lehigh.edu
Subject: [69710] CLUB: NOVA-QRP to meet Saturday

Message-ID: <7b.3cf3bff.264951cd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

NOVA-QRP's last bi-monthly meeting prior to Field Day will be this coming Saturday, May 13, 2000. If you are in, near, or visiting the Northern Virginia area...mark you calendars and plan to be there.

Northern Virginia's high-powered, low power group will gather at Mama's restaurant in Fairfax, Virginia. Mama's opens at 11:30 am and while we don't have actual start and end times, some of us will be there at 11:30 and will continue on through the lunch hour. Bring yourselves, spouses (the food is great), any homebrew or kit items you'd like to show off, schematics you're working on or from, pretty good QSL's you've received lately, and your best QRP stories. Also, an inventory of what you plan to add to our Field Day efforts. There'll be no speakers, no set program, no reading of the minutes, no anything but good times and good conversation.

If you have a ham call badge, wear it so we can identify you more readily. And, bring a blank QSL card for the NOVA-QRP collection (we have a collection, and putting your QSL in it is our only membership requirement).

Directions to Mama's Restaurant: This one is easy to find. First, get to Fairfax Circle. This is a circle at the crossroads of Routes 29, 50 and 237 on the north side of Fairfax City. This Circle is about five miles west of the Beltway on route 50. Mama's is a block west of the Circle on Route 50, next door to the giant new Harley Davidson dealership and on the same side of the road. You can't miss it. Lots of free parking.

The food is worth the trip. The menu is huge. Prices are reasonable. Here's a typical hungry ham's lunch: Spaghetti with meat sauce (they have a dozen or so ways of saucing up pasta) and all you can eat salad bar for \$6.95. Salad bar by itself has dozens of items including two kinds of pizza and a pasta dish or two at \$5.95. Plus homemade crusty bread, etc...

We'll be in one of the bays at the back...and we'll keep an eye out for your arrival.

See you there!

73, Al Wheeler, WB4JJJ

Date: Tue, 9 May 2000 05:31:05 -0600
From: w0yse@juno.com
To: qrp-1@Lehigh.EDU

Subject: [69711] Cub Vs. SW20+ ???
Message-ID: <20000509.053821.-4041533.0.w0yse@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

I am curious as to opinions about the MFJ CUB (9320 specifically) as compared to the SW20 rig. I want a 20m trail friendly rig that is not as temperature sensitive as my old MFJ 9020 rig, whose BFO pitch changes from zero-beat, at low temperatures, to 1000 Hz or more on a hot day. In the mountains, that can happen easily in just a few hours.

I am leaning toward the SW20 rig but would like to hear from those of you who have experience with it with respect to temperature variations, or any other problems (or praises) of the rig.

Thanks for your input.....
72,
Neil, w0yse, Layton UT

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 09 May 2000 12:02:03 GMT
From: n4js@pobox.com (John Sielke)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69712] Re: Activating the U.S. border
Message-ID: <391afdd3.69527268@mail.snip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I belonged to the Border Amateur Radio Club out of Lethbridge, I imagine there are several such. How about extra points for working "Border Radio Club" stations?

On Mon, 08 May 2000 16:02:54 -0400, john@neknetwork.com typed:

>We have a Border Amateur Radio Club here in VT, and I'm going to
>approach them with the idea, but I thought I'd solicit feedback from you
>folks first. I have absolutely ZERO experience organizing something like

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also wonder what the difference in "feel" is between their ATL and BTL models? The BTL used a ridged spring-steel acting as hinged/pivots ...where as the ATL used the standard shaft/rod through bar-stock levers. My BTL has a wonderful firm feel. Just wondering if their earlier model (ATL) was as good or gooder? Steve/n0tu

-----Original Message-----

From: sigcom@juno.com <sigcom@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, May 08, 2000 9:42 PM
Subject: Re: Brown Bros. Key

>OJ and group,

>

>Brown Bros. Machine Co., St. Louis, MO manufactured paddles and keys. I
>have the combination paddle and straight key, model CTL-B. I guess they
>are somewhat collectable as Brown Bros. the company is long gone. Chuck
>Adams, K7QO at one time had pictures of the refurbishing of his Brown
>Bros. paddle on his web site. I'm sure that there are pictures of these
>keys/paddles somewhere on the net.
>Hope this has been helpful.

>

>73.....Steve, WB6TNL

>

>-----
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>Try it today - there's no risk! For your FREE software, visit:

><http://dl.www.juno.com/get/tagj>.

>

Date: Tue, 09 May 2000 08:53:33 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [69715] any SMK-1 kits still available
Message-ID: <004a01bfb9b5\$96179410\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Folks,

I've been on hiatus, and returned to find a bunch of people building SMK-1 kits and singing their praises.

Am I too late to get in on the fun?

Dave

David Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Tue, 09 May 2000 08:24:43 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-l@lehigh.edu
Subject: [69716] FD Logging Software Advice Please
Message-ID: <0HHECDHANAIIEAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

All,

I've done a bit of looking for shareware field day logging programs and have come up with the following sources. Could you please comment on which you like, and why? I need to decide on one and get it installed and understood soon.

K1EA (CT 6.26)
KM3D (FD1200D)
QFDlog
WR9R
KC6NSE
N0NEH

Any input would be appreciated to the list or nf9k@eudoramail.com. Any alternative suggestions to those listed above are also welcome, of course.

Thanks & 72,
Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at
<http://www.eudoramail.com>

Date: Tue, 9 May 2000 09:51:42 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: aa7fg@gte.net
Cc: qrp-1@lehigh.edu
Subject: [69717] Re: Sierra Power Mods?
Message-ID: <v03102801b53dbf1bc57e@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Pat,

Mike, W3IRZ, responded to your request for Sierra mods:

>My Sierra is the Georgia homebrew version
>The Sierra is designed as a 1 - 2 watt radio. From the posts that I have
>read >and from my own experience I will say that trying to make a 2 watt
>radio put >out 5 watts is fruitless without a spectrum analyzer. You may
>get more power >but it is not the same RF that produces QSL cards. Only
>the DL SMT kit will >do the job

I must disagree with part of what Mike says. The DL QRP PA is not the only way to pump up the output of the Sierra.

I'm not sure what a Georgia homebrew Sierra is, but I can assure you that the posted tried and proved true, 4:1 transformer replacement of the stock choke, along with an NTE-342 PA replacement in a Wilderness Sierra is clean as a whistle. I have verified this with my modified Wilderness Sierra and my HP-8558B spectrum analyzer. Derek, WF4I, has used an HP-8565E spec analyzer with his modified Sierra to also check these mods. In fact the mods have the blessing of Wayne Burdick the designer of the Sierra. Wayne's only concern is the greater key down current drawn by the higher power PA. He designed the Sierra for low power consumption on transmitt which the

NTE-342 increases slightly. Derek and I both used the NTE-342 PA and a 500 ohm drive pot on the rear panel. I get a max of 6W out on 160 and 80, 5W 40 - 20, and 4 - 3 watts from 15 - 10 meters. All outputs are clean per spectrum analyzer displays.

Mike is correct that any PA mod to a QRP rig should be checked with a spectrum analyzer. Derek, Bob Kellogg AE4IC, myself and others on the list have verified that the output of a modified Wilderness Sierra is not just extra power in spurs and harmonics. In fact, there is no degradation whatsoever of the signal with the above mods on any band. Bob also came up with a very simple mod which replaces the stock trimmers on the 20 - 10 meter band modules which allow for easier peaking of the outputs. Again this mod was checked on a spec an to check for purity of the transmitted signal.

I have a zipped file of about a years worth of qrp-l post regarding Wilderness Sierra mods that I'll be glad to send you.

72,

Rick kf4ar

Date: Tue, 9 May 2000 08:12:11 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Dave Fifield <fifield@pacbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69718] Re: SMK-1 Soldering Problems
Message-ID: <Pine.LNX.3.95.1000509080753.27038J-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 9 May 2000, Dave Fifield wrote:

> A 37% import tax????!!!!!! That's OUTRAGEOUS!!!!

>

> 72, Dave Fifield, AD6A

>

.....Welcome to Canadian hamming!...now you know why I can't buy a K2 so far...but I'm buying lottery tickets...HI HI! - 72 - Bruce (VE5RC+VE5QRP)

Date: Tue, 09 May 2000 09:21:32 -0700
From: Dick Carroll <dixie@townsqsr.com>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [69719] Re: SMK-1 Soldering Problems
Message-ID: <39183B0C.E781F85C@townsqsr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

So what happened to the North American Free Trade Act??? I recently bought a vintage KW2000A ham radio transciever from a Canadian ham with NO import duty paid. It was exempt.

Dick

Bruce Rattray wrote:

>
> On Tue, 9 May 2000, Dave Fifield wrote:
>
> > A 37% import tax????!!!!!! That's OUTRAGEOUS!!!!
> >
> > 72, Dave Fifield, AD6A
> >
>Welcome to Canadian hamming!...now you know why I can't buy a
> K2 so far...but I'm buying lottery tickets...HI HI! - 72 - Bruce
> (VE5RC+VE5QRP)

Date: Tue, 9 May 2000 09:20:12 -0500
From: n4so@juno.com
To: qrp-l@Lehigh.edu
Subject: [69720] N-Channel JFETs- Amplifiers
Message-ID: <20000509.093251.-232987.6.N4S0@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Vishay Siliconix

For small signal JFETs
N-CHANNEL JFETs- Amplifiers
For J212, J309, J310 specs:
J310 is used in the NorCal 20

<http://www.vishay.com/brands/siliconix/SSFsgnchjamp.html>

Ken Brown, N4SO
Mobile, AL EM50tk
NorCal-20 at 5 watts
4 element yagi

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 09 May 2000 08:47:45 -0600
From: carlos.caro@lmco.com
To: qrp-1@Lehigh.EDU, dixie@townsqrr.com
Subject: [69721] RE: SMK-1 Soldering Problems
Message-ID: <D0A28D7EFEB4D11181DE0000F80627BB023A46F0@emss02m14.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain
Content-transfer-encoding: 7BIT

Come on guys,

It has always been a fact of life that in a socialist state, the haves (rich) pay extra for the haves not (poor), ask the British, German or Scandanavians about it. Or better still listen to what the Clintons and Gores are advocating. I'm not a list cop and I enjoy a good discussion about Politics, Sex or Religion BUT what has any of this got to do with SMK-1 Soldering Problems ?? Please change the Subject Line to allow filters to work.

Thanks and Regards,

Carlos #1333

Date: Tue, 9 May 2000 09:47:44 -0500
From: n4so@juno.com
To: qrp-1@Lehigh.edu
Subject: [69722] Sierra Power output mods
Message-ID: <20000509.094744.-232987.9.N4SO@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Sierra Power Output- Revisited
by Bob Follett, WA7FCU
QRPP magazine Dec. 1996
discussion is on changes to Q5, changes to T2, replacing
the output filters C47, C48 and C49, changing D7, changing
R15 to 36 ohms, pre-mixer changes to increase VFO injection
and re-peaking the trimmers. New PA replaced to MRF237.
On 40 meters, power went from the initial 2.5w to 4.9w
with the new PA and to 5.8 watts with increasing the power
supply voltage to 15.2v. On other bands the increase was
about 2 watts.

Ken Brown, N4SO
Mobile, AL EM50tk
NorCal-20 at 5 watts
4 element yagi

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Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Tue, 09 May 2000 10:48:01 -0400
From: "John P. Cummins, Sr." <jpcummins@worldnet.att.net>
To: nf9k@eudoramail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69723] Re: FD Logging Software Advice Please
Message-ID: <39182521.EB95C7D3@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You might take a look at Scott Davis, N3FJP's programs. and they are
legitimate freeware.

<http://members.aol.com.snkdavis.page1.html>

Pickett, AD4S

"Joel Kluender, NF9K" wrote:
>

> All,
>
> I've done a bit of looking for shareware field day logging programs and have
come up with the following sources. Could you please comment on which you like,
and why? I need to decide on one and get it installed and understood soon.
>
> K1EA (CT 6.26)
> KM3D (FD1200D)
> QFDlog
> WR9R
> KC6NSE
> NONEH
>
> Any input would be appreciated to the list or nf9k@eudoramail.com. Any
alternative suggestions to those listed above are also welcome, of course.
>
> Thanks & 72,
> Joel NF9K

Date: Tue, 09 May 2000 07:59:15 -0700
From: Lee Hopper <leehop@uswest.net>
To: qrp-l@Lehigh.EDU
Subject: [69724] Re: Small HF amps
Message-ID: <391827C3.FCE876DC@pop.ptld.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ken -

Thanks for the info. Would be interested in hearing from anyone who has built
one of these amps from CCI... comments, anyone?

Tnx -

Lee Hopper
KD7CTF
Portland, OR

> Ken Brown, N4S0, wrote:
> CCI Communication Concepts Inc. sells small
> 20 watt amps//AN779H AN779L
> cci.dayton@pobox.com
> www.communication-concepts.com
> Advertises in QST mag p. 132 in March 2000.

Date: Tue, 09 May 2000 11:14:54 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69725] Re: SMK-1 Soldering Problems
Message-ID: <3917E51E.59023C2D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And in a capitalist state the poor support the rich.

SO WHAT??

I am sick of the political comentary showing up in every group list and every other place I look.
It is also almost always conservatives doing the posting so I am not going to just ignore it anymore.

You could have questioned the post in a direct email without sending the garbage to the list. You didn't.

I am responding on the list simply because that is where you posted.

flame suit on

michael N6CHV

carlos.caro@lmco.com wrote:

>
> Come on guys,
>
> It has always been a fact of life that in a socialist state, the haves
> (rich) pay extra for the haves not (poor), ask the British, German or
> Scandanavians about it.

Date: Tue, 09 May 2000 11:13:00 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: kc8aon@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69726] Re: G5RV & 10 meter question
Message-ID: <39182AFC.A1491F61@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Rick,

We had the same problem here with a G5RV. It was 50 or 60 feet in the air, and much more like a flat top than a Vee. It has the balun at the ladderline/coax joint, and uses 450 ohm ladder line. The antenna works well, but.... it gave us trouble tuning on 15 Meters and 10 Meters. In our case the coax was considerably longer than the "standard" 50', (Abt 150') and I think that was the problem. How long is your coax run?

BTW, in our case it wasn't impossible to tune, it was just difficult to tune. We were using a new LDG auto tuner, and it just wouldn't do it. We had a manual tuner which would handle it.

I've made several G5RVs with and without baluns, and they all worked well and were easy to tune, except this one. The only difference I can identify is the long coax run.

Rick McKee wrote:

>

> A friend of mine installed a G5RV at his vacation cabin to use with his
> Yaesu FT-7 QRP rig. He has had good luck on all bands 15 thru 80 meters,
> but just can't seem to get it to tune on 10 meters.

Hope this helps...

--

73,

Bob Kellogg, AE4IC, Greensboro, NC

Prolobly, not nececelery. - Benny Hill

Date: Tue, 09 May 2000 08:38:51 -0700

From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>

Subject: [69727] Watt Meter Wierdo

Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FEC0@blaze.bcsbc.GOV.BC.CA>

Content-return: allowed

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

I just last night completed building a QRP SWR/Watt Meter from ARRL's Solid State Design Handbook. Using a little 1 watt 40m transmitter, I calibrated

it as per the instructions in the article using a dummy load and it worked perfectly.

However, when I put it on an antenna, everything went haywire. Where I was able to obtain a full-scale meter deflection in the 'forward' position on the dummy load, I now get only about a half-scale reading. Also, the meter reads higher in the 'reflected' position than it does in the 'forward' position ??? I know the antenna system is ok because I use it often with my QRO equipment and the SWR is around 1.2:1.

Any ideas what is happening here? Any and all suggestions are appreciated.

Doug VA7DD

Date: Tue, 09 May 2000 12:05:38 -0400
From: "John P. Cummins, Sr." <jpcummins@worldnet.att.net>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69728] Re: Sierra Power Mods?
Message-ID: <39183752.8A4E8DF1@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Check out the January issue of QQ, Mike has a nice article on the "Georgia" Sierra. He is also presenting a paper on it at FDI.

Pickett, AD4S

"Richard E. Robinson" wrote:

> I'm not sure what a Georgia homebrew Sierra is,

Date: Tue, 09 May 2000 09:23:27 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [69729] RE: Watt Meter Wierdo
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FEC1@blaze.bcsbc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

To answer a couple of posts I have received:

1. I don't live near any source of RF so I don't think that's what is causing the problem.
2. The antenna system I'm using is a tri-band Yagi with a 40m conversion kit on the driven element (essentially a rotatable trap dipole on 40m) that has a 1:1 balun at the feed point so I'm not using a tuner. As I mentioned, the SWR/Power Meter I use with my high power rig works fine with this setup so I assume the impedance is close to 50 ohms as is.

Doug VA7DD

Date: Tue, 09 May 2000 11:29:29 -0500
From: Everett Catlin <n5mzx@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [69730] Argosy 525 dc fast acting circuit breaker
Message-ID: <39183CE9.C21AE45D@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All

I need a DC cord for a Argosy 525 with the fast acting 10 amp circuit breaker or the address of Airpax who is suppose to make them. Thank you for your help in advance.

73
Ev N5MZX
n5mzx@bellsouth.net

Date: Tue, 9 May 2000 10:30:50 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: <lycott@fox.nstn.ca>, "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [69731] Re: SMK-1 Soldering Problems
Message-ID: <00b901bfb9d4\$80ca2540\$c0101004@compaq>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob, et.al.:

Politics aside, I too was having this problem. Here is what I did, am doing:

I tinned one pad only, then with heat applied to the pad, I placed the part, aligned it and removed the iron to let the solder cool. I placed the part and held it in place with a pair of tweezers from my Swiss Army knife. I used Kester 245 .032 DIA solder with my el-Cheapo Weller WCC-100 solder station. I found a nice small conical point for the iron. When the solder cooled on this one side, I then soldered the other pad. I put the soldering iron tip on the pad, close to the part, and applied solder between the two, works FB.

Now you all might say that a cheap and cheesy way to start out, and you are right it is. ;-) I like to start out simple, resolve problems, then develop/refine a process that works well for me. Here is what I discovered and my planned improvements.

TILTED PARTS

Discussed above.

TWEEZERS

Swiss army tweezers aren't bad, but small and fatiguing to use. So I ordered a pair straight blade tweezers with a pointed tip from Mouser: Erem, 4.5" fine point, Mouser P/N 578-EROP3SA, \$5.55, pg 357, cat no. 601.

SOLDER

No matter how hard I tried tinning one pad always left a little too much solder, ditto on the other pad when I soldered it. So I bought some silver bearing 0.015 solder at Radio Shack, but it has no flux and doesn't flow well. So I bought a Kester Flux-Pen: Mouser part number: 533-0951, Kester #551 no-clean, pg 363, cat 601.

Now, I'll flux the pads, tin one, and place the part as mentioned above, then solder the other as mentioned above.

SOLDERING IRON

Seems to be working OK for now, no changes planned. The WCC-100 is

temp adjustable so I set it for about 650. I got the tip at a local electronics supply house: Weller ETS 0.4mm Long Conical Tip. Can't find it in my Mouser catalog but it should be available at Wassco, www.wassco.com.

FINAL NOTES

I don't have the Flux-pen or tweezers yet, so I can't comment on how well they work. I have tried the "one pad, other pad" solder technique it seems to work well, just "globy" looking with the "BIG" solder I have.

BTW: A few of tiny parts got damaged or lost in the rug getting to this point. ;-(Oh well, live and learn, replacement parts also on order with Mouser. ;-)

Hope this helps.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----

From: Robert W. Shaw <lycott@fox.nstn.ca>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, May 08, 2000 8:12 PM

Subject: SMK-1 Soldering Problems

> I'm having trouble getting the components flat against the board. I think
> the solder "bumps" I'm getting are too large. Perhaps I need flux
other
> than in the core of the solder. By the time I've added solder to my
iron,
> positioned the component, hold it down etc. the flux has burnt off!
>
> What kind of flux do you use to add to the pad where the component
will be
> placed? Obviously not plumbers' flux, but I'm not familiar with
anything
> else. What have you used, and where did you get it?
>
> By the way, my "Canadian" SMK-1 arrived today -- the small packet
box
> attracted custom's attention to the tune of an additional \$11!
>

>
>
>
>
> 72/73 de Bob VE3SUY QRP-L #1187 Bob Shaw, Ottawa, Ontario. Low
power
> Amateur Radio from Canada's National Capitol!

Date: Tue, 9 May 2000 12:47:57 -0400 (EDT)
From: JOHN FISHER <ve7fdg@mad.scientist.com>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [69732] RE IMPORT TAX
Message-ID: <385962129.957890877304.JavaMail.root@web313-mc.mail.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

There is no import tax on ham gear in Canada however your dollar equals 1.49 of ours and in BC WE PAY 7% federal sales tax and 7% provincial sales tax. So by the time we get gear from the states it is over one and one half as much in our money. There is a saving grace I would prefer to buy up here but the dealers do not have sales like US dealers. When I order from the US in most cases I end up paying less. As an example the MFJ259b list for 260 american and one dealer will sell it for 210. When you figure exchange it becomes 315 add sales tax at 14% and it becomes about 358. Even with shipping it is cheaper. The quote I got up here was 415 before shipping and taxes therefore I have fifty dollars more to spend on more ham gear.

ve7fdg@mad.scientist.com
2137 duggan rd
nanaimo bc V9S 5N9
canada

FREE Personalized Email at Mail.com
Sign up at <http://www.mail.com/?sr=signup>

Date: Tue, 9 May 2000 09:58:46 -0700
From: Dave Barrett <DBarrett@creo.com>
To: "'n0rc@qsl.net'" <n0rc@qsl.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69733] RE: SMK-1 Soldering Problems...Q Tip...
Message-ID: <BFEEFC3386986D2119C0800A0C99B5DE601772C6E@msgcreo3.creo.bc.ca>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Hi All, place the part with a pair of tweezers and then hold in place with a wooden Q Tip with the bud cut off (just the wooden stick), hold the part flat with the stick with one finger on top and hold and feed solder in same hand while holding soldering iron with other hand

Dave Barrett VA7DB (Ex VE7PCC)
Vancouver BC Canada

-----Original Message-----

From: Rod, N0RC [mailto:n0rc@qsl.net]
Sent: Tuesday, May 09, 2000 9:31 AM
To: Low Power Amateur Radio Discussion
Subject: Re: SMK-1 Soldering Problems

Bob, et.al.:

Politics aside, I too was having this problem. Here is what I did, am doing:

I tinned one pad only, then with heat applied to the pad, I placed the part, aligned it and removed the iron to let the solder cool. I placed the part and held it in place with a pair of tweezers from my Swiss Army knife. I used Kester 245 .032 DIA solder with my el-Cheapo Weller WCC-100 solder station. I found a nice small conical point for the iron. When the solder cooled on this one side, I then soldered the other pad. I put the soldering iron tip on the pad, close to the part, and applied solder between the two, works FB.

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SOLDERING IRON

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72/3 Rod, NØRC -- Fort Collins, CO

----- Original Message -----

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To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, May 08, 2000 8:12 PM

Subject: SMK-1 Soldering Problems

> I'm having trouble getting the components flat against the board. I think

> the solder "bumps" I'm getting are too large. Perhaps I need flux

other
> than in the core of the solder. By the time I've added solder to my
iron,
> positioned the component, hold it down etc. the flux has burnt off!
>
> What kind of flux do you use to add to the pad where the component
will be
> placed? Obviously not plumbers' flux, but I'm not familiar with
anything
> else. What have you used, and where did you get it?
>
> By the way, my "Canadian" SMK-1 arrived today -- the small packet
box
> attracted custom's attention to the tune of an additional \$11!
>
>
>
>
>
> 72/73 de Bob VE3SUY QRP-L #1187 Bob Shaw, Ottawa, Ontario. Low
power
> Amateur Radio from Canada's National Capitol!

Date: Tue, 9 May 2000 12:57:49 EDT
From: N9DD@aol.com
To: qrp-l@lehigh.edu
Subject: [69734] re: SMK-1 Question (it's finished...but)
Message-ID: <9b.4be6c94.26499d8d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/8/2000 10:12:18 PM US Eastern Standard Time,
w6abc@yahoo.com writes:

<< Well the SMK-1 is finished, but...! It is stuck on
transmit! I plugged it in to power put on an antenna,
plugged in earphones, heard two peaks trimmed by the
TC1 and TC2....but when I turned on my IC-756 to see
what frequency it will transmit on and if it will hear
another rig...I saw it was stuck in transmit! >>

If you heard two peaks while adjusting TC1 and TC2 the unit is in receive and
not in transmit. I believe what you are hearing is the receiver's oscillator
which runs all the time. When you key the rig, the tone you hear on your big
rig should get much louder and will be offset in frequency from the receive

tone.

Tom Frisz N9DD
South Bend, IN

Date: Tue, 09 May 2000 12:02:40 -0700
From: Michael Melland <badger@vbe.com>
To: n5mzx@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69735] Re: Argosy 525 dc fast acting circuit breaker
Message-ID: <391860D0.9C6EB94A@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Airpax = <http://www.airpaxppp.com/>

You need the Snapak magnetic breaker..... proper nomenclature for a 10 amp paddle vertical mount "fast" breaker like Ten-Tec used to sell should be:

T11-1-10.0A-01-10A or 11A-V (10=black knurled nut 11=nickel knurled nut)
the "A" indicates Vertical mount

You can decipher the Airpax codes here:
<http://www.airpaxppp.com/pppsite/tproduct.html>

Airpax has about a \$500 minimum order (these breakers are "special order) and no stock, best place and price I know of for Airpax breakers is: Poco Sales (www.pocosales.com/).... \$25 minimum order but the breakers were about 50% less then anywhere else I found them. Got three of the Ten-Tec 1140 ala Airpax breakers from them for my Triton IV rigs for about \$9 each plus shipping several months ago. Pay particular attention if ordering that you specify "fast" breaker..... after the first dash the digit 0 = instant, 1 = fast, 2 = slow. Most places stock the "slow" and have no idea what the codes mean..... slow is too slow for your needs.

73 de Mike Melland, W9WIS

Date: Tue, 9 May 2000 13:18:50 EDT
From: N9DD@aol.com
To: friday2k@pacbell.net

Cc: qrp-1@lehigh.edu
Subject: [69736] Re: SMK-1 Question (It's finished...but)
Message-ID: <32.4ca220d.2649a27a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

n a message dated 5/8/2000 10:12:18 PM US Eastern Standard Time,
w6abc@yahoo.com writes:

<<Hi Tom,
Thanks for the reply. Yes, I think you are right. It
must be the oscillator. I can hear a signal from the
big rig on the SMK's receiver, but faintly. I took
the connector off the key leads and tried just
touching them together and no transmit coming from the
SMK at all. So, it seems the SMK is receiving (albeit
marginally) and not transmitting. I looked for solder
bridges and couldn't see any. Any thoughts or
suggestions?
73,
Jack>>

Hi Jack,

I'm a lousy troubleshooter, but I can tell you what I did when my SMK-1
showed several problems upon powering up...

The transistors seemed the hardest for me to line up. Upon close inspection,
I found that a couple of the transistors had leads that were not soldered to
their respective pads.

I went through the schematic and guessed where the symptoms I was having
could originate. I resoldered all the connections in that area and, one by
one, was able to resolve the 3 or so problems I had.

I've managed 7 or 8 QSOs with my SMK-1. It has been a fun project and I'm
sure you will enjoy getting your rig on the air.

Tom N9DD

Date: Tue, 9 May 2000 13:26:43 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <n0rc@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [69737] Re: SMK-1 Soldering Problems

Message-ID: <003a01bfb9dc\$76d9eb80\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There's a place here in Mass called Contact East that used to sell aftermarket tips for all kinds of irons. I have a Weller W60 and a WTCP station. At one point, about 6 or 7 years ago, I got some 1/64" chissel tips for my station. Yep 1/64", and yep, CHISSEL tip, not conical. I also got some Kester solder that looks like angel hair. You can't believe how nice that setup is for SMT.

The tips were NOT Weller, they were aftermarket. The only down side is they are about 1-1/4" long, which is a bit unwieldy in the standard WTCP iron.

I don't think Contact East carries them anymore, but they do seem to have a wide selection of tips.

I picked up a WCC station (ok, a couple of them) for a friend. I have since discovered it's a darn nice little station, HIGHLY under-rated. Especially since you can get optional 'pencils' for it from Weller, and a wide selection of tips!

Bottom line is that if you haven't used fine tips in a good iron, you just don't realize the difference it makes.

Mike

Date: Tue, 9 May 2000 13:38:26 EDT
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [69738] NC 20-MNo Power output
Message-ID: <b9.2dfcd3c.2649a712@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I guess I better make this more clear.
This is not a new just built up kit.
The rig worked fine and later that night I picked it up for \$50.00 with no TX.
Everything else is working FB
I assume that if the driver stages were OK then I would hear the tone on

another rig?

I do not have the more modern gear to check the voltages listed on the manual.
Can someone on the list give me an idea where to start.

>From what I was told the rig was used that night and later on power up there
was no TX.

Need some suggestions PLEASE!

Bob

WA2HOQrp <tm>

Date: Tue, 09 May 2000 12:54:05 -0500
From: Marty <N5NW@midsouth.rr.com>
To: qrp-l@Lehigh.EDU
Subject: [69739] FS: Oscilloscope
Message-ID: <htjghscsqsj03do22jirqpeiussop685icb@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Hi Gang, I've recently acquired a B&K Precision 60MHz Oscilloscope (Model 2160)=
with
four probes, a face cover, and manual. This is a dual trace scope and =
appears
to work ok (I'm not a Oscilloscope expert). I don't have any homebrew stuff
anymore, and probably am out of construction for a few years.

Would like to sell this to a good home. The cheapest I've seen the =
2160A,
refurbished, goes for \$600 or so (Tucker, etc. on the web). Perhaps \$300=
plus
shipping would be fair? Shipping will run about \$35 or so, insured USPS.

E-mail if interested.

--

Marty, N5NW

Lakeland (Memphis), Tennessee
<http://marty.w.tripod.com/>
N5NW@midsouth.rr.com

Date: Tue, 09 May 2000 10:54:55 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [69740] Norcal Doublet Kit.
Message-ID: <391850EF.A43C82F0@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, this is a wonderful kit and I just found out about it and the feedline design :)

Norcal has once again brought us qrp'ers some of the best ideas to keep this the great hobby it is.

My hat is off to all the movers and shakers that make all these things happen.

72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Tue, 09 May 2000 11:27:14 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69741] Re: Argosy 525 dc fast acting circuit breaker
Message-ID: <39185882.715FFC7B@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael Melland wrote:

> Poco Sales (www.pocosales.com/).... \$25 minimum order

I'm in for a group buy.

Norm/KQ6SD

Date: Tue, 9 May 2000 11:28:14 -0700
From: Maurice L Haynes <kv7g@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [69742] FS:QRP Tube Rig - Timewave DSP59+

Message-ID: <20000509.112919.-658755.0.kv7g@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Home Brew 80/40 Meter CW Transmitter

80/40 Meter coils - 5763 Tube with Spare

3580-3686.5-7265 Xtals in FT243 Holders

Chassis is 2x5x7 with a 5x7 Faceplate with Tripplett meter

I got it in a trade a couple of years ago and

have never even plugged it in. The construction work was done very well.

I have no schematic of other info. Will send .jpg's on request.

Trade for Norcal paddle either kit or finished. Possibly something else.

=====

Timewave DSP-59+ Audio Noise Reduction Filter

Random Noise and Tone Noise Reduction

CW Filters - Bandwidth=25hz to 600hz in 15 steps

Data Filters for: RTTY, Amtor, Pactor, Gtor & HF Packet

SSTV, Wefax and Clover

Voice Filters - High Pass & Low Pass

Voice, CW and Data Mode AGC

Signal Processing:

A-D/D-A Converter - 16 bit linear sigma-delta conversion

Signal Processor - 16 bit 77ns Analog Devices ADSP-2105

In Excellent condition with manual \$140.00 Post Paid Lower 48

For fastest response reply to my Mindspring email address

Bud - KV7G - Yuma, AZ

Mailto:kv7g@mindspring.com

Web Page <http://www.qsl.net/kv7g>

Date: Tue, 09 May 2000 11:50:17 -0700

From: Ed Loranger <we6w@qsl.net>

To: Casey Ray <clray@usc.edu>, Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>, "Art Neilson, WH7N" <art@pilikia.hi.net>

Subject: [69743] Re: Norcal Doublet Kit. -- OOPS!

Message-ID: <39185DE9.3CB3CBAD@qsl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Crud! I just saw it is the BLT (tuner)

recommended for use with the Doublet which is a described construction article.

Haha. Well, that's great either way.
72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Tue, 09 May 2000 12:01:46 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [69744] QRQ NET Practice Sentences
Message-ID: <3918609A.66BB2B0F@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here are the Sentences for this week:

- #1) Maxwell recommends a BALUN if VSWR changes with feedline length.
- #2) In the Appendix, Maxwell proves his Minimum-SWR Resistance Equation.
- #3) The W2DU Reflection Mechanics Vector Graph is enlightening.

QRQ Net meets Sunday's, 7039 KHz at 7 PM PACIFIC time, (Monday, 0300Z UTC).
Speeds: 25 to 40+ WPM and much higher.

Concept of net: Separate the mechanical training for sending morse code from the thought process used to create sentences.

We promote non-automatic sending with the straight key, paddles, and semiautomatic keys (Bugs).

Members are anyone who wants to enjoy the

CW practice.

Members practice the sentences throughout the week, trying to increase character speed. Also, regular QSO's will help practice incorporating the brain along with the improved mechanical abilities.

The night of the net is aimed to test your progress and share the joy of the experience.

Net procedure: Call up for stations. List broadcast. Minor introductions and NCS sends first groups. Stations proceed in their list order and pass on to the next list member. When returning to NCS, NCS announces next sending speed. Stations drop out as they reach their limits. NCS acknowledges and excuses stations so members are aware of the change in the list.

Duration: I make all attempts to keep the net to 1.5 hours maximum. This may involve reducing the number of sentences at the slower speeds, making greater jumps in speed at each round robin. Expect 5 WPM jumps above 40 WPM.

Hope to have you join in on the fun.

72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Tue, 09 May 2000 12:06:53 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [69745] Re: QRQ NET Practice Sentences
Message-ID: <391861CD.8914E3E6@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I meant to preface this last post with:

The following sentences are extracted and edited from:

Reflections, By Walter Maxwell, W2DU
First Edition, 2nd printing, 1991.

-Ed

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Tue, 9 May 2000 15:52:58 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>, "klqrp_submit (E-mail)"
<klqrp@waterw.com>, "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>
Subject: [69746] KIT: NOGAPiG Praises + ****Current , UnderVoltage, OverVoltage M
ODS****
Message-ID: <66FCE0D1DF76D311913800805F6D0FA3BDF7E5@mailserver1.usan.com>
MIME-Version: 1.0
Content-Type: text/plain

It's good to know that happy PIG owners are extending the range of the PIG
(see the referenced Elecraft msg below). We originally built The PIG to
handle a typical QRP rig running about one ampere during transmit. We have
shipped the PIG with two versions of the Raychem PolySwitch Resettable Fuse:
RX110 hold 1.10A, trip at 2.2A and the RXE135 hold 1.35A and trip 2.7A.

The reverse voltage shorting diode is rated at 3A and the SCR at 6 A. So by
moving up to a higher value of hold/trip PolySwitch they can use the PIG
with rigs with heavier current requirements. For example the next three
PolySwitches in the RXE series have the following hold/trip values: 1.6/3.2,
1.85/3.7. 2.5/5.0. The PolySwitch is a product name of Raychem.

One beauty of the PIG is that the ONLY active inline part with your rig is
the PolySwitch. All other parts are operating in parallel with the rig. The
source NOGA used for the PolySwitch was Digikey check their online
catalogue at www.digikey.com or call 1-800-DIGI-KEY. From their catalogue
you can get pointers to data sheets. BTW NOGA has no interest in Digikey
except for being a satisfied customer.

If you haven't heard of or seen a NOGAPiG in action check out the NOGA web
page for complete details including schematics, assembly manual (complete)
and full functionality description. The NOGAPiG is easily customizable to
unique under and over voltage MODs with simple parts changes. The change in
the PolySwitch allows you to up on in normal current draw.

Nils is absolutely right about reducing the size of the PIG. There are two
optional sections on the board that can be removed by just cutting them

away. If you do this the PIG is reduced to a very small footprint and could be put in just about anywhere including the new tiny SMK-1 enclosure. If you don't have undervoltage, overvoltage, overcurrent protection and low voltage monitoring on you valuable rig then BE CAREFUL because sooner or later at the most unfortunate time a disaster might strike. BTW that's what started this project in the first place after one member smoked his INDEX and another toasted his MFJ-259 SWR Analyzer. You could spend more on one-time fuses, diodes and holders in an attempt to protect your rig than this little unit costs and still not get LOW VOLTAGE monitoring and OVER Voltage protection you need.

Sam Billingsley AE4GX Atlanta, GA
personal web page at <http://ae4gx.home.mindspring.com/>
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

The following from the Elecraft reflector via Pickett AD4S current NOGAPIG project manager:

> I know that a second (or second opinion) from me ain't worth that much,
> but I gotta "ditto" what John/AD4S said.
>
> I have a NOGAPig board in my homebrew supply. It works great, although
> the thermal fuse in the standard board may trip after a couple solid
> minutes of running more than 10 W (happened to me, so I modified the
> circuit with a higher amperage fuse thingie).
>
> For \$15 you can't build a better trouble suppressor for your equipment.
> If you're a multi-project off the same power supply loonie like me, you
> oughtta get two of 'em.
>
> The board takes up very little space (especially when you cut off the
> keyer parts of the board) and it will do wonders for your peace of mind.
> And it's a better deal than the over-voltage/over-current doodad that
> was
> in the TR7 power supply all them years ago.
>
> Go to the NOGA QRP page & check it out. Then write a check. You & your
> stuff will be glad you did.
>
> Nils R. Bull Young

Date: Tue, 9 May 2000 10:31:33 -0500

From: "Mike Branca" <w3irz@att.net>
To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69747] Re: Sierra Power Mods?
Message-ID: <005e01bfb9f6\$a9ba1060\$d9004d0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard, I stand corrected, TNX. I will check it out. The Georgia Sierra is the ARRL handbook Sierra re-frequencied to use off the shelf computer crystals. There are several in use here.

Mike W3IRZ

----- Original Message -----

From: Richard E. Robinson <rerobins@email.uncc.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, May 09, 2000 8:51 AM
Subject: Re: Sierra Power Mods?

> Pat,
>
> Mike, W3IRZ, responded to your request for Sierra mods:
>
> >My Sierra is the Georgia homebrew version
> >The Sierra is designed as a 1 - 2 watt radio. From the posts that I
have
> >read >and from my own experience I will say that trying to make a 2 watt
> >radio put >out 5 watts is fruitless without a spectrum analyzer. You may
> >get more power >but it is not the same RF that produces QSL cards. Only
> >the DL SMT kit will >do the job
>
> I must disagree with part of what Mike says. The DL QRP PA is not the
only
> way to pump up the output of the Sierra.
>
> I'm not sure what a Georgia homebrew Sierra is, but I can assure you that
> the posted tried and proved true, 4:1 transformer replacement of the stock
> choke, along with an NTE-342 PA replacement in a Wilderness Sierra is
clean
> as a whistle. I have verified this with my modified Wilderness Sierra and
> my HP-8558B spectrum analyzer. Derek, WF4I, has used an HP-8565E spec
> analyzer with his modified Sierra to also check these mods. In fact the
> mods have the blessing of Wayne Burdick the designer of the Sierra.
Wayne's

> only concern is the greater key down current drawn by the higher power PA.
> He designed the Sierra for low power consumption on transmitt which the
> NTE-342 increases slightly. Derek and I both used the NTE-342 PA and a
> 500 ohm drive pot on the rear panel. I get a max of 6W out on 160 and 80,
> 5W 40 - 20, and 4 - 3 watts from 15 - 10 meters. All outputs are clean
per
> spectrum analyzer displays.
>
> Mike is correct that any PA mod to a QRP rig should be checked with a
> spectrum analyzer. Derek, Bob Kellogg AE4IC, myself and others on the
list
> have verified that the output of a modified Wilderness Sierra is not just
> extra power in spurs and harmonics. In fact, there is no degradation
> whatsoever of the signal with the above mods on any band. Bob also came
up
> with a very simple mod which replaces the stock trimmers on the 20 - 10
> meter band modules which allow for easier peaking of the outputs. Again
> this mod was checked on a spec an to check for purity of the transmitted
> signal.
>
> I have a zipped file of about a years worth of qrp-l post regarding
> Wilderness Sierra mods that I'll be glad to send you.
>
> 72,
>
> Rick kf4ar
>
>
>

Date: Tue, 9 May 2000 16:56:25 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [69748] here's all the help??
Message-ID: <24.4c044e8.2649d579@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well I see no reason to stay on the list anymore.
I can remember when you had a problem with a rig a dozen guys would respond.
All the NC 20-M owners out there and not one replied.
Ditto for local repeaters trying to get help.
All you hear is talk about food and other non radio related topics.
I sent *E* mail direct to another well known person on the list about

calculating transmitter efficiency.
No response.
I out
Bob
WA2HOQrp <tm>

Date: Tue, 9 May 2000 14:11:41 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [69749] OT: RVing advantage
Message-ID: <Pine.GS0.4.10.10005091407320.9166-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I just realized that I no longer need to worry about letting the whole world know that I'm going to be going to Boise for a couple of weeks.....

We are taking our home with us and there just ain't nutting left behind for anyone to steal! :-)

I'll be off email until we return around the 25th of the month.

QRP-L to postpone later this eve.

Wheeeeeeeeeee!!!

I just gotta find reasons why it's nice to exchange my yagi at 85' for a little screwdriver at 12' and swap the 1000MP for the FT100. :-)

OK, back in my hole.....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>.....

Date: Tue, 9 May 2000 17:49:49 -0400
From: wb2vuo@juno.com
To: RangerSF5@aol.com, qrp-1@lehigh.edu
Subject: [69750] Re: here's all the help??
Message-ID: <20000509.175133.-237831.1.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Sorry you are having troubles with the NC-20, but this IS the place to ask for help, however some patience is required.

Check your server, Bob. I saw 2 posts on the List, both suggesting that the bandpass filter is the place to look.

One was from RedHot Radio, and I don't recall who the other was from. I hit too quickly I guess...

When the TX died in the one I built for Steve, WS2F, it was a couple of resistor leads that I managed to push together, sorting out the signal line to the TX mixer. I used an orange stick and carefully repositioned the vertically-mounted parts until the signals came back.

Anyway, hang in there. Most of the List just got back to their computers after a day at work, and have not had a chance to reply as of yet.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
VP & FD'00 Chairman, Brockport Amateur Radio Klub & SOC # 119
My night light runs more power than my Rig!!!
Replies off-list to: wb2vuo@arrl.net

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Tue, 9 May 2000 17:28:31 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: RangerSF5@aol.com
Cc: qrp-1@lehigh.edu
Subject: [69751] Re: here's all the help??
Message-ID: <200005092207.SAA21972@wolf.ncia.net>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Well I see no reason to stay on the list anymore.
> I can remember when you had a problem with a rig a dozen guys would respond.
> All the NC 20-M owners out there and not one replied.

Don't dispare there Bob, you didn't give anyone much time to respond.
But then, it's hard to give someone help that doesn't have any test
gear and all they can say about the problem is "it don't work
anymore!"

There's a zillion things that could be wrong and without anyway to
help pin point it, we'd just be shoting in the dark.

As to where to start, you start at the transmit mixer and start to
follow the signal through the following stages to see where is stops
(of if it's not even started). Pretty much need a scope to do that,
although a sensitive RF voltage probe might be enough.

One thing you can do that's a bit crude is to put a small pick up
loop at the end of some coax and connect it to your receiver. The
small loop (couple of turns 1/4" in dia) will just pick up signals
near by and by looking at the S meter, you can tell how strong they
are. This will let you sort of track the signal. It's best to have a
general coverage receiver for this kind of testing, as some of the
frequencies you need to verify are there aren't in the ham bands.

But since it "used" to work, it could be something as simple as a bad
or loose connection somewhere or the band module not plugged in
well. Maybe one of the trimmer caps on the transmitter band pass
filters got banged out of wack. Do you have more than one band
module and does that also not work? Give us some clues to work with
and check the obvious first!

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Tue, 09 May 2000 15:12:08 -0700
From: Ed Loranger <we6w@qsl.net>
To: "RangerSF5@aol.com" <RangerSF5@aol.com>, Low Power Amateru Radio Discussion
<qrp-1@lehigh.edu>
Subject: [69752] Re: Where's all the help??
Message-ID: <39188D38.A24D9CD@qsl.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Am sorry to see Bob go off the list.

Sometimes when summer dries out the
creek, do we throw away the dam?

Bob, perhaps a combination of spring
vacations, ham activities, high-school
graduations, etc. are to blame.

But the list is as solid as ever.

g'day friend.

-Ed "72"

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Tue, 9 May 2000 17:41:32 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: RangerSF5@aol.com
Cc: qrp-l@lehigh.edu
Subject: [69753] Re: where's the help?
Message-ID: <200005092220.SAA25929@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Opps, just realised it's a NC-20, not at a Serria. Was thinking you
got a heck of a deal for 50 bucks..

Anyway, forget what I said about the band modules, but the rest is
appropriate.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Tue, 09 May 2000 15:20:26 -0700
From: Ed Loranger <we6w@qsl.net>

To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [69754] WE6W Resonant Speaker facts.
Message-ID: <39188F2A.DFF3794@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, I've been working a bit with the fella who built my speaker. Some of his substitutions were questioned by him and I've tried to help as best I can.

It is important that if you build this design that you know that this kind of performance is not to be had easily.

My design took my acoustic knowledge to new heights and fine tuning a 6th order bandpass filter is no easy matter.

It is absolutely critical that one use the dimensions in my article. And the very best way to open a 2 inch hole into the side of a sphere is to simply sand the sphere on a belt sander -- taking care not to trim the fingernails on the belt!

I have extensive design notes on changing sphere volume/diameters and pipe lengths/diameters etc. I even derived an accurate end-correction formula not found anywhere. (There are some but they are weaker than mine.)

I cannot possibly suffer thru my notes to answer these questions and I explore the experimenter to peruse acoustic patents and on-line documentation thru web searches and experimentation.

That's what it is all about.

I've given away a design that is very dear to me and cost me months of work. I hope others can understand that that was my contribution. Please enjoy this unique CW filter and explore its possibilities.

Thank you. 72/Ed Loranger WE6W

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
http://www.qsl.net/we6w Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Tue, 09 May 2000 17:58:38 -0500
From: Marty <N5NW@midsouth.rr.com>
To: qrp-1@lehigh.edu
Subject: [69755] Re: here's all the help??
Message-ID: <fn5hhs4p28dffgf8guecighbhbqeft3isi@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Tue, 9 May 2000 16:56:25 EDT, RangerSF5@aol.com wrote:

>Well I see no reason to stay on the list anymore.
>I can remember when you had a problem with a rig a dozen guys would =
respond.
>All the NC 20-M owners out there and not one replied.
>Ditto for local repeaters trying to get help.
>All you hear is talk about food and other non radio related topics.
>I sent *E* mail direct to another well known person on the list about=20
>calculating transmitter efficiency.
>No response.
>I out

Bob,

I'm sorry I can't help you as I'm not an NC-20 owner/builder. I would =
mention
that this message is only three hours after the one prior, and only 14 =
hours
from the FIRST message (2am-4pm EDT). It takes 24 hours or so to get
responses. Heck, I was at work the whole time! Most (I think) check =
messages
and read the list in the evening.

Give it a chance. Now, if you don't get a response in 24-36 hours or so,=
THEN
I'd start complaining!!! :)

Good luck with your debugging. Sounds like a fun project!

--
Marty, N5NW

-----=

Lakeland (Memphis), Tennessee

<http://marty.w.tripod.com/>

N5NW@midsouth.rr.com

=

End of QRP-L Digest 1816
